



NT1p MGDHAWSEFLKDFLAGAVAAAVSKTAVAPIERVKLLLOVQHASKQISAEIKQ 50  
 NT2p MILDAAVSFAKDFLAGGVAAAISKTA VAPIERVKLLLOVQHASKQIIADKQ 50  
 NT3p MTECAISFAKDFLAGGIAAAISKTA VAPIERVKLLLOVQHASKQIAADKQ 50  
  
 NT1p YKGIIDCVVRIPKEQGFLSFWRGANLANVIRYFPTQALNFAFKDKYKQIFL 100  
 NT2p YKGIIDCVVRIPKEQGVLSFWRGANLANVIRYFPTQALNFAFKDKYKQIFL 100  
 NT3p YKGIIDCVVRIPKEQGVLSFWRGANLANVIRYFPTQALNFAFKDKYKQIFL 100  
  
 NT1p GGVDKHTQFWRYFAGNLASGGAAGATSLCFVYPLDFARTRLAADVGRRA 149  
 NT2p GGVDKHTQFWRYFAGNLASGGAAGATSLCFVYPLDFARTRLAADVGRRA 149  
 NT3p GGVDKHTQFWRYFAGNLASGGAAGATSLCFVYPLDFARTRLAADVGRRA 150  
  
 NT1p QREFEGLGDCIKKSDGIRGLYQGFNVSVQGIITVRAAYFGVYDTAKG 199  
 NT2p EREFRGLGDCIKKSDGIRGLYQGFNVSVQGIITVRAAYFGVYDTAKG 199  
 NT3p EREFRGLGDCIKKSDGIRGLYQGFNVSVQGIITVRAAYFGVYDTAKG 200  
  
 NT1p MLPDPKNTHTVSWMTAQTVTA VAGISYPFDIVRRRMMQSGRKGADIM 249  
 NT2p MLPDPKNTHTVSWMTAQTVTA VAGISYPFDIVRRRMMQSGRKGADIM 249  
 NT3p MLPDPKNTHTVSWMTAQTVTA VAGISYPFDIVRRRMMQSGRKGADIM 250  
  
 NT1p YTGTVDCWRKIAFDEGGKAFKCAWSNVL RGMCGAFVLVLYDEIKKYV. 298  
 NT2p YTGTVDCWRKIAFDEGGKAFKCAWSNVL RGMCGAFVLVLYDEIKKYV. 298  
 NT3p YTGTVDCWRKIAFDEGGKAFKCAWSNVL RGMCGAFVLVLYDEIKKYV. 299

Figure 2

TOPPED 2211360

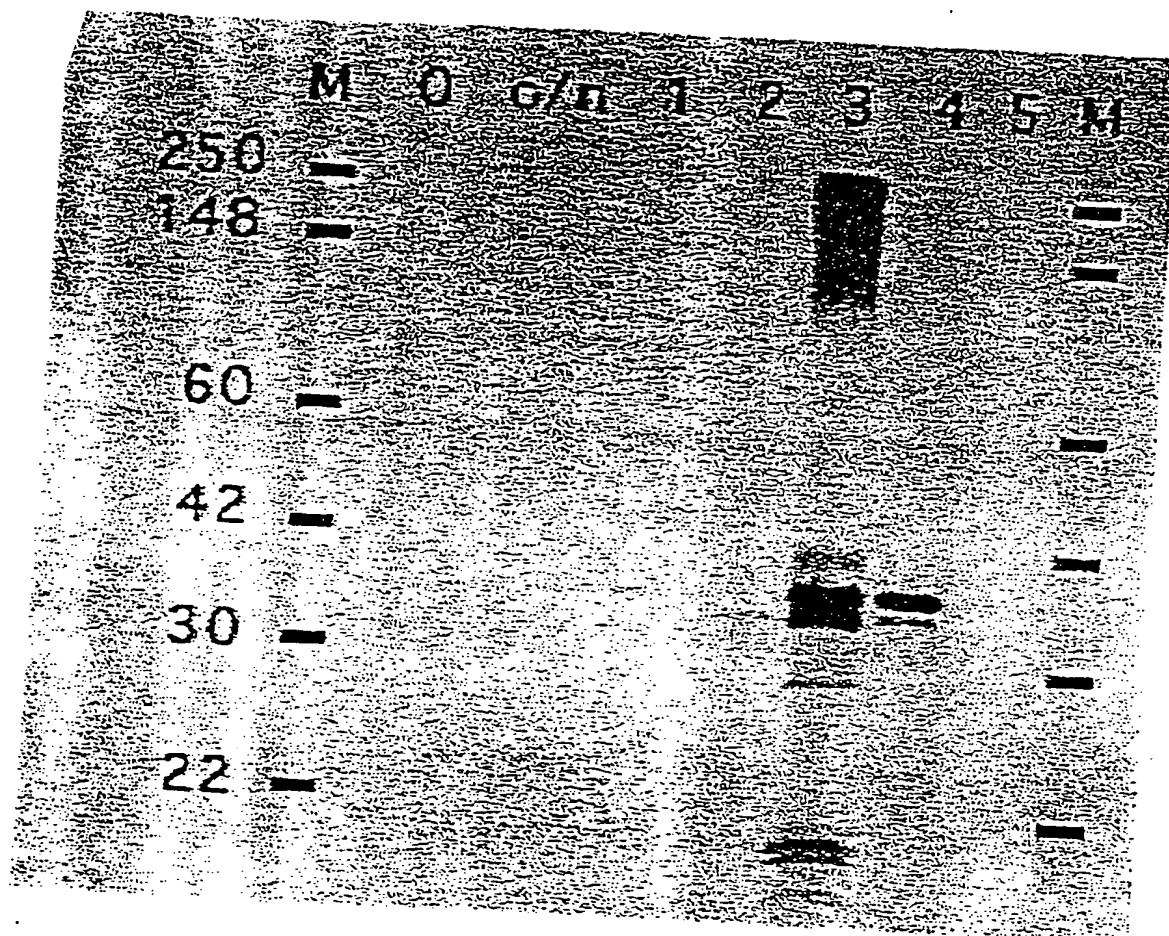


Figure 3

FOHED 2211860

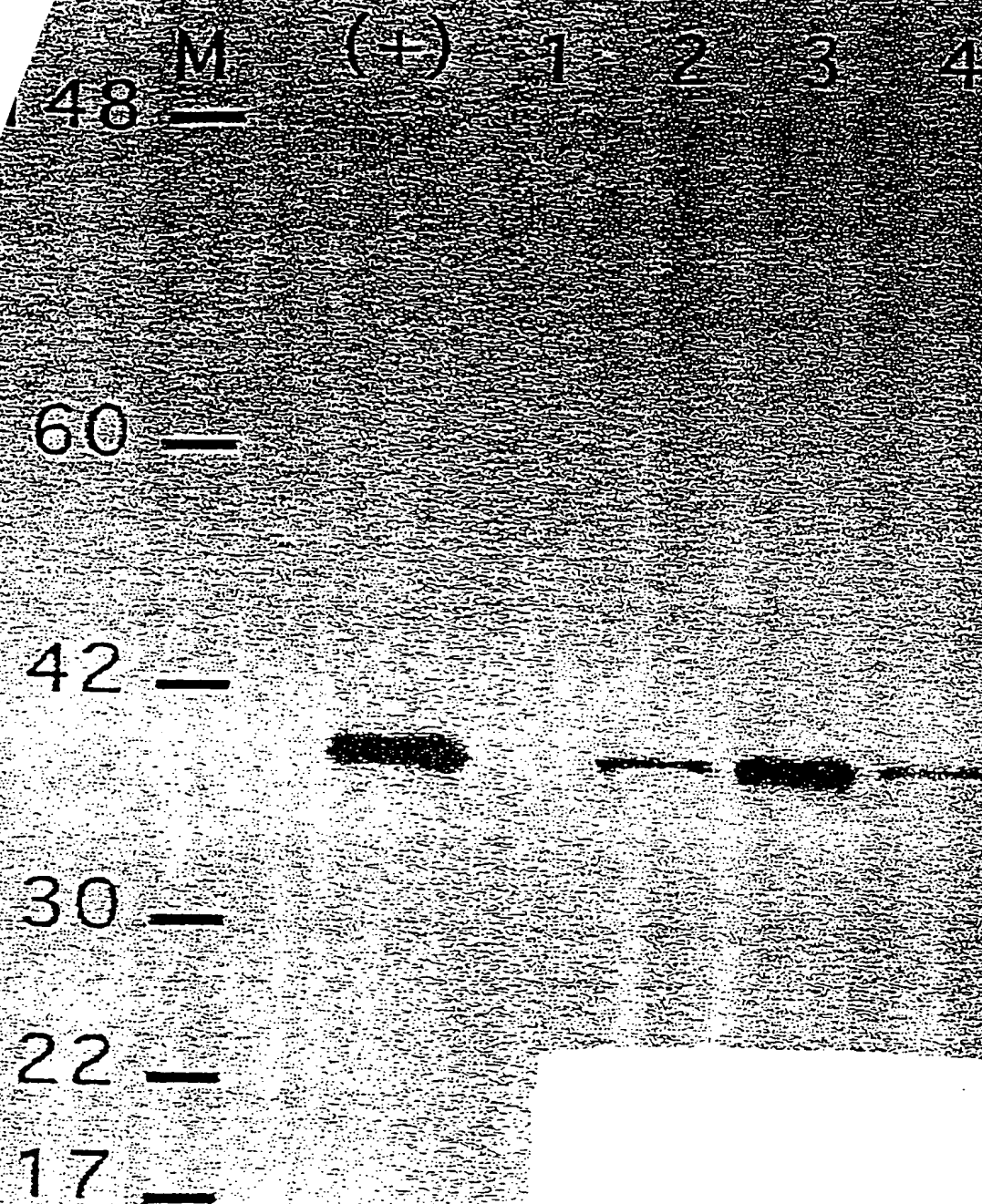


Figure 4

SDS-PAGE gel showing protein expression and purification. The gel is divided into two main sections: HIS-tagged and GST-tagged. The HIS-tagged section includes lanes for 'no induction' and 'arabinose induction'. The GST-tagged section includes lanes for 'pGex vector only', 'rANT- transformed', and 'GST Deaf purified'. Molecular weight markers (22, 30, 42, 60 kDa) are indicated on the left. The 'arabinose induction' lane shows a strong band at approximately 35 kDa. The 'rANT- transformed' and 'GST Deaf purified' lanes show a strong band at approximately 50 kDa.

- 1

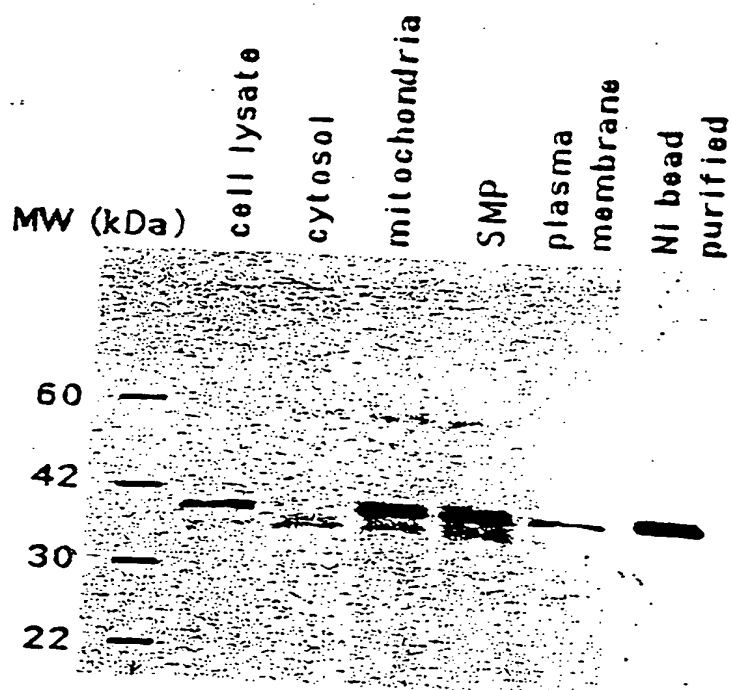


Figure 6

107460-2611360

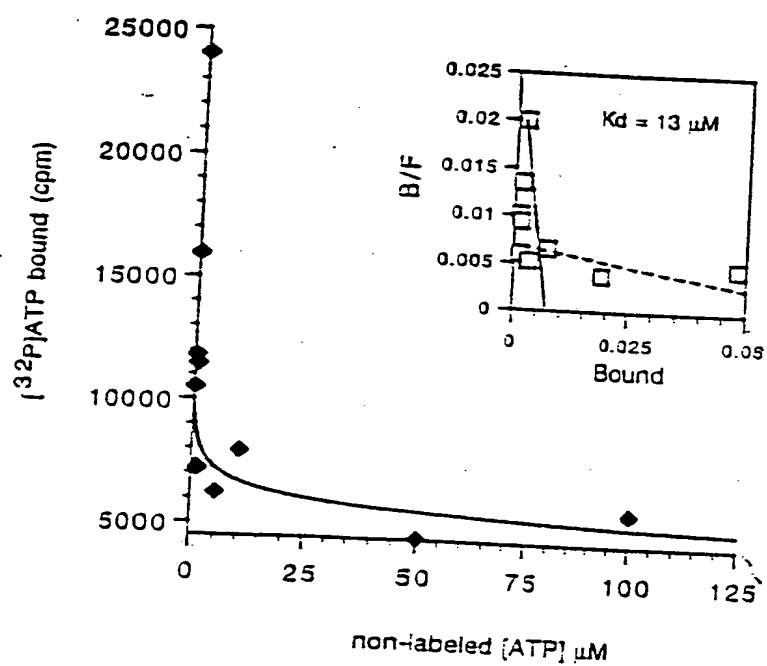


Figure 7

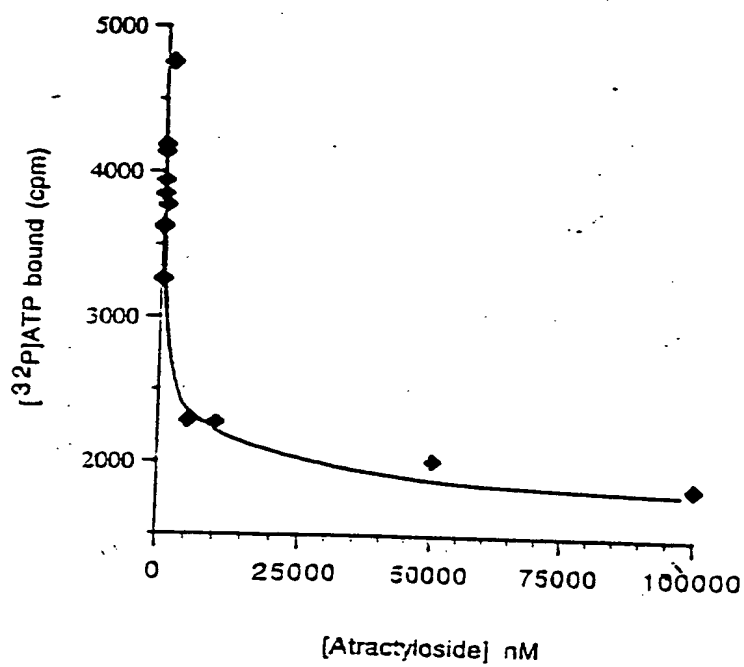


Figure 8



FOUO 2000000

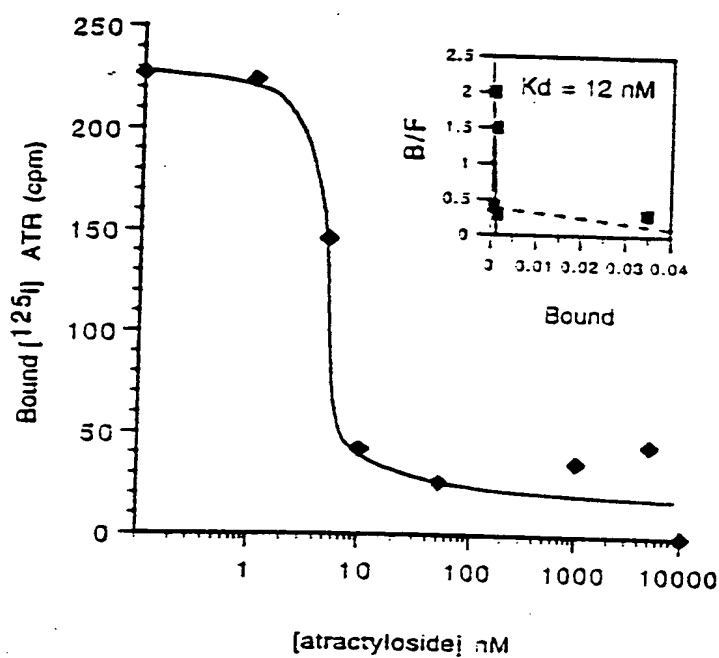


Figure 9

TOP SECRET

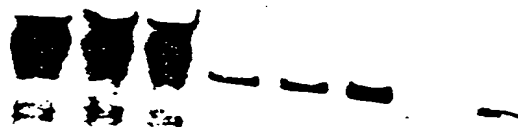


Figure 10 -

Figure 1 is a semi-logarithmic plot showing the binding of compound 24 to the 5S rRNA of the 30S ribosomal subunit. The y-axis represents 'cpm bound' (0 to 100,000) and the x-axis represents '[cpd 24] nM' (1 to 10,000). Two curves are shown: one with diamond markers (higher binding) and one with square markers (lower binding). Both curves show a decrease in binding as concentration increases, with the diamond curve being significantly higher.

[cpd 24] nM	cpm bound (Diamond)	cpm bound (Square)
1	85,000	5,000
10	88,000	4,000
50	70,000	5,000
100	55,000	4,000
500	28,000	4,000
1,000	12,000	3,000
5,000	5,000	2,000
10,000	4,000	1,000

**Figure 11**

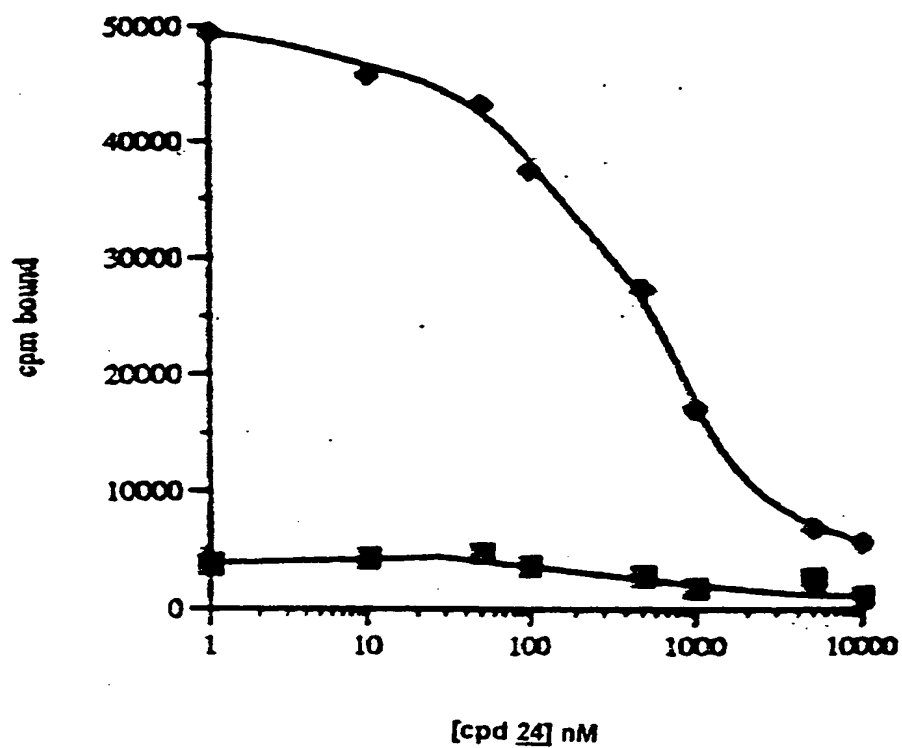


Figure 12

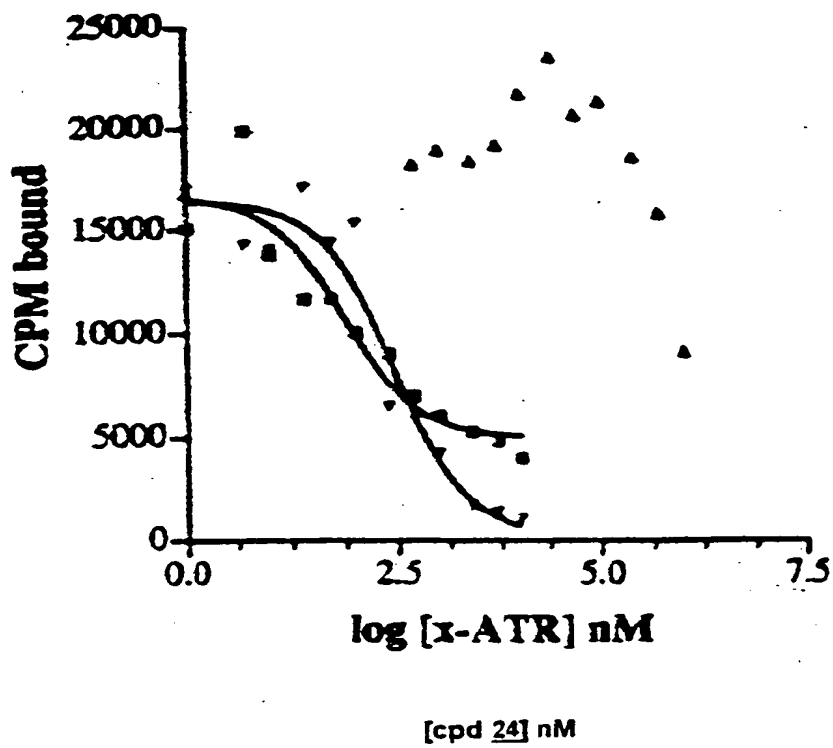


Figure 13

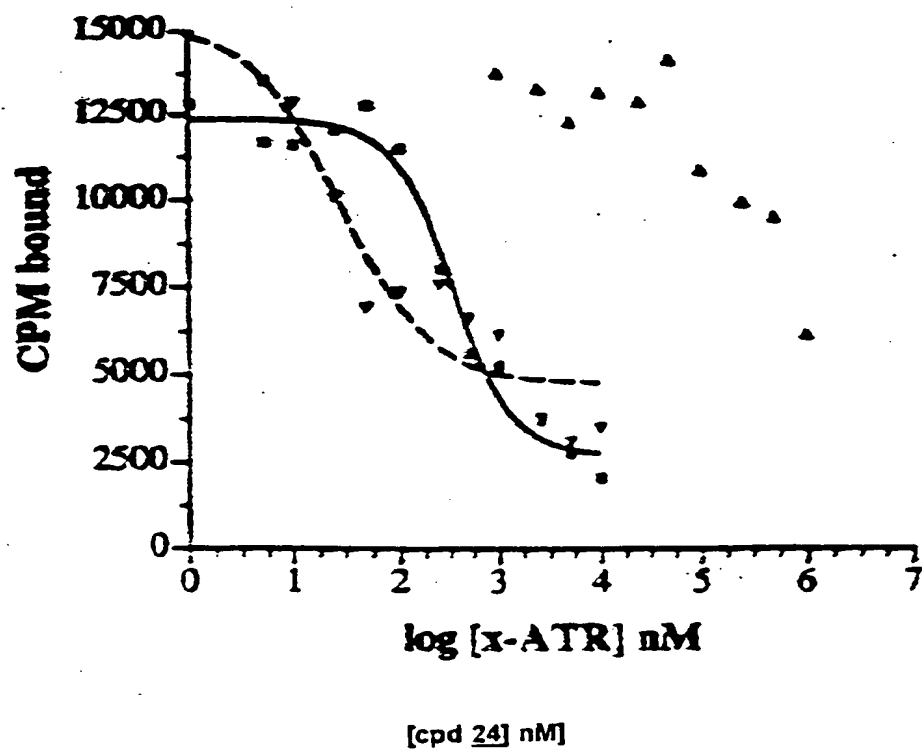


Figure 14

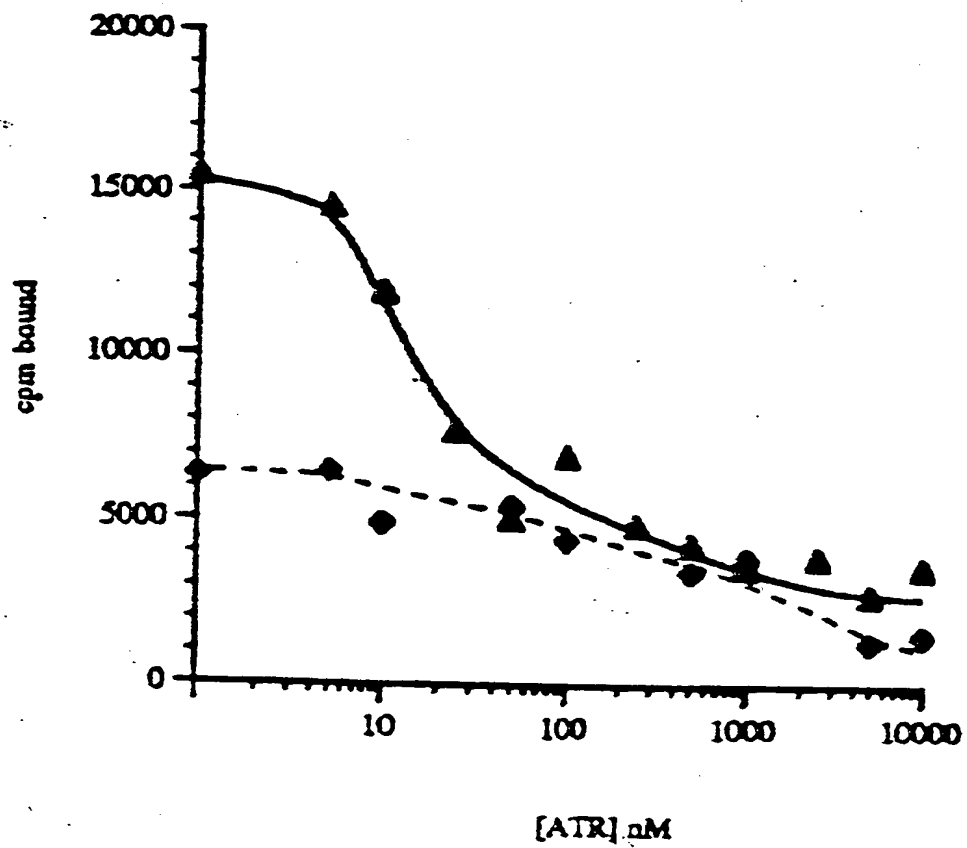


Figure 15

TOH120-2260

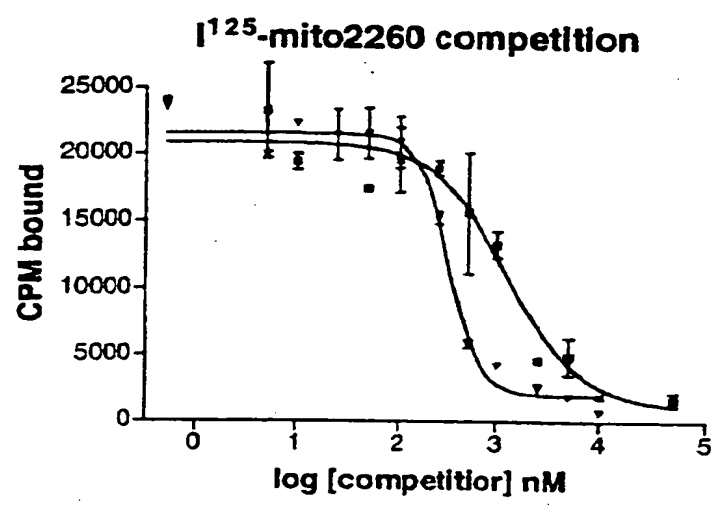


Figure 16



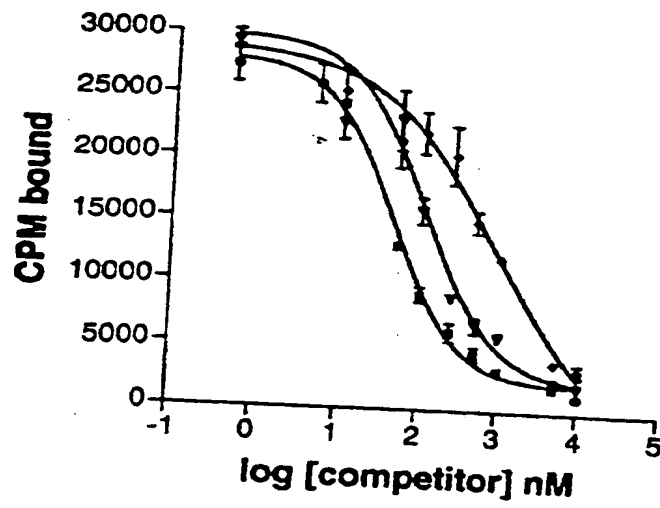


Figure 17

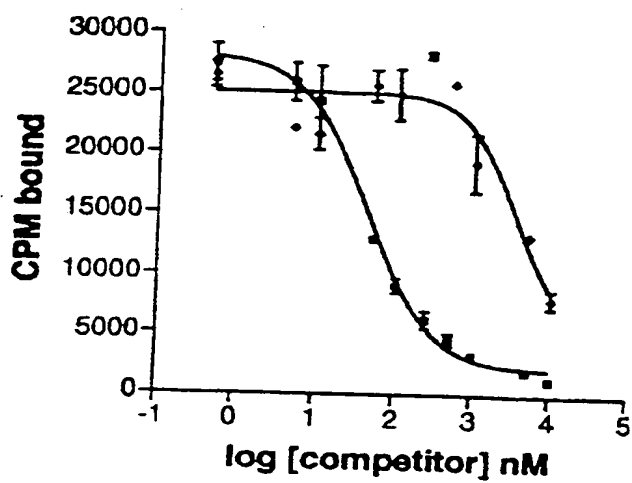


Figure 18

10470-227-1860

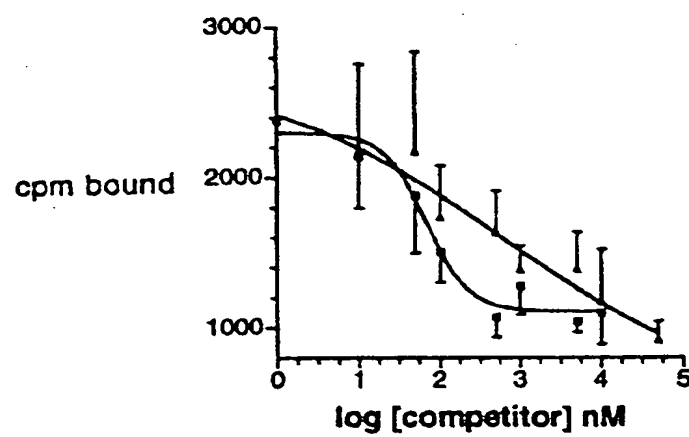


Figure 19

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